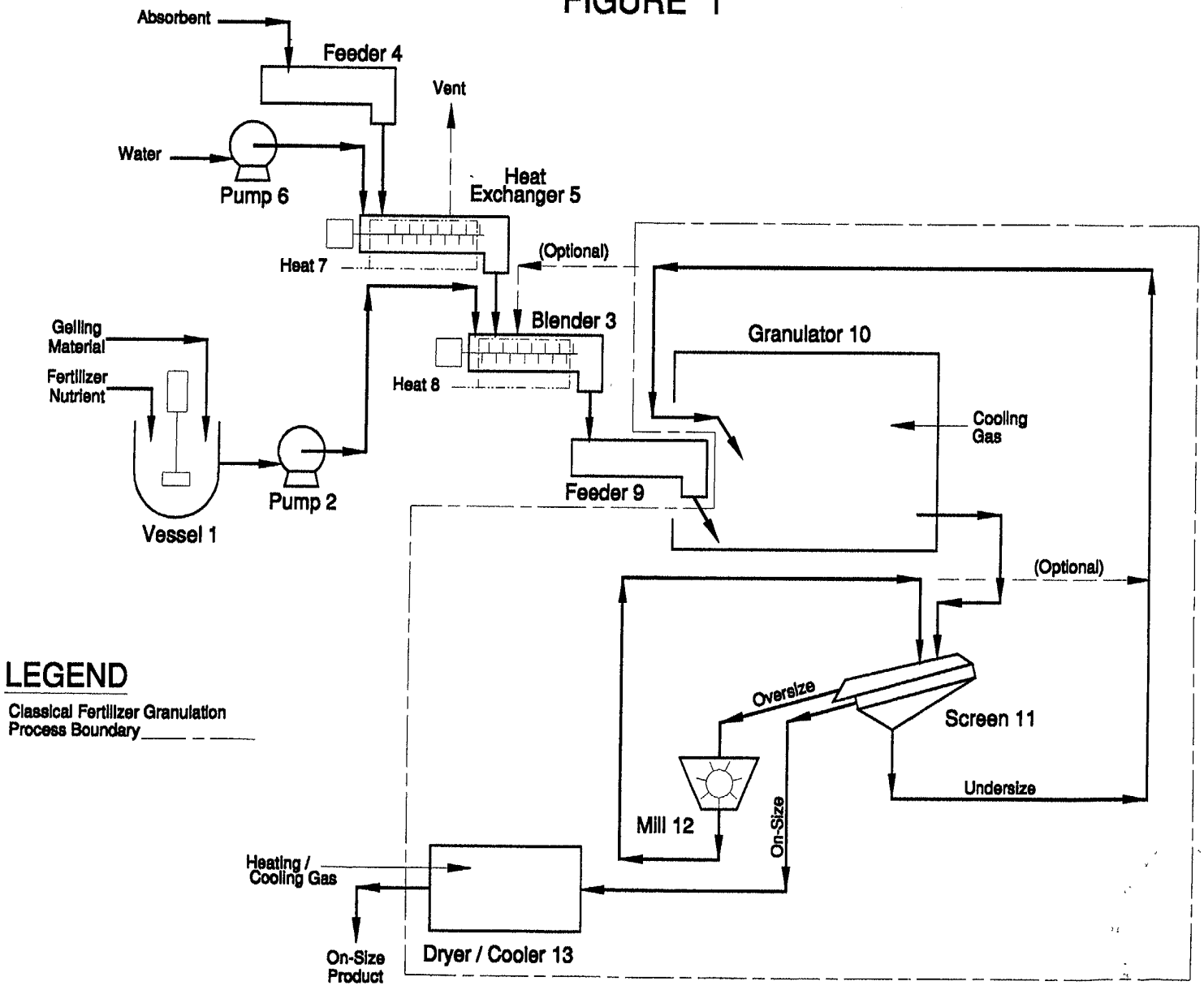
FIGURE 1


Absorbent
Feeder 4
Vent
Water
Pump 6
Heat Exchanger 5
Heat 7
(Optional)
Gelling Material
Fertilizer Nutrient
Blender 3
Heat 8
Granulator 10
Cooling Gas
Feeder 9
Pump 2
Vessel 1
(Optional)
LEGEND
Classical Fertilizer Granulation Process Boundary
Oversize
Screen 11
Undersize
Mill 12
On-Size
Heating / Cooling Gas
On-Size Product
Dryer / Cooler 13

PCT/US2020/026360

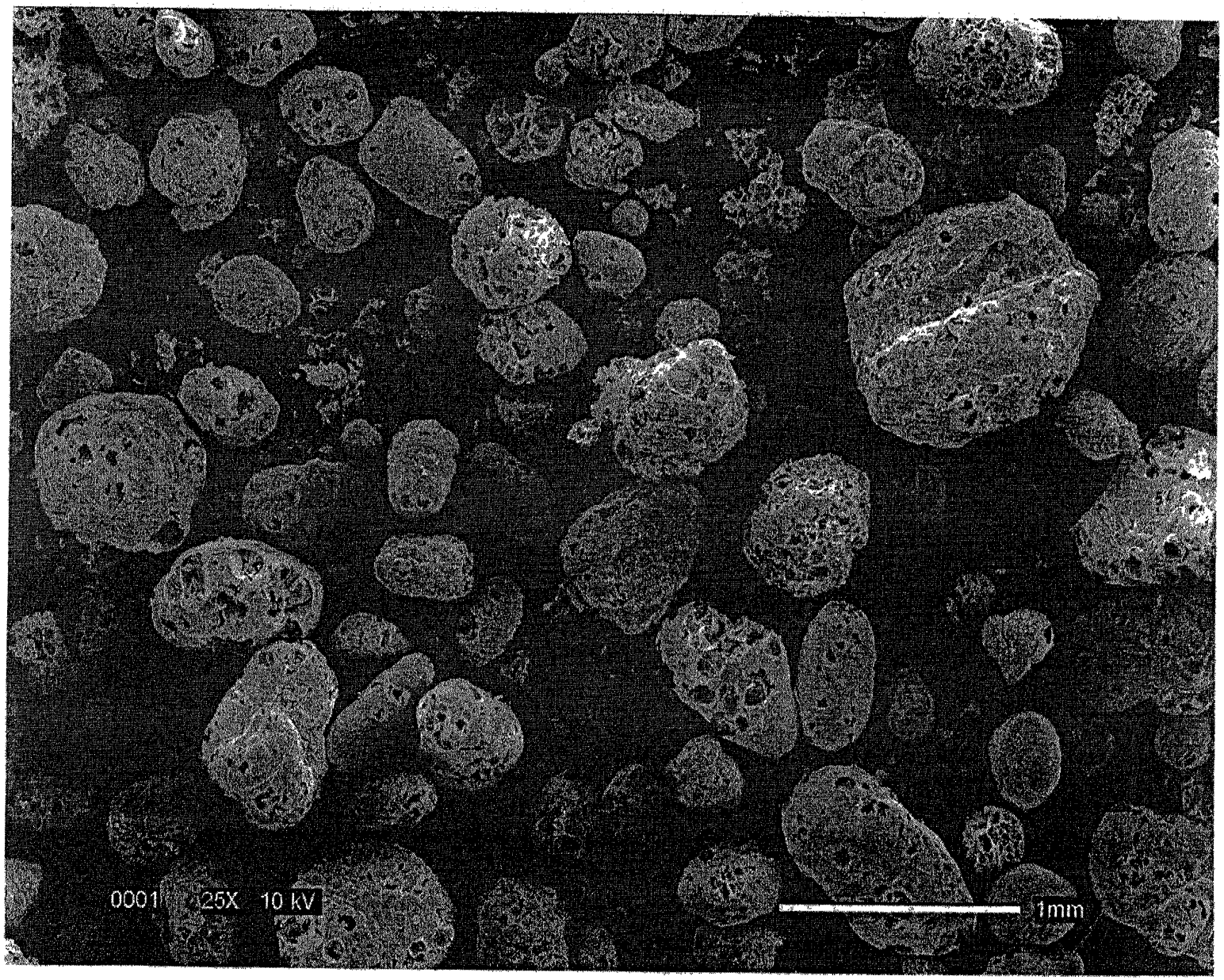


Figure 2

Figure 3

Figure 4

Figure 5